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PTO/SB/01 (10-00)

Approved for use through 10/31/2002. OMB 0651-0032

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted With Initial Filing Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

| | |
|---------------------------------|-------------------|
| Attorney Docket Number | CL1506 US NA |
| First Name Inventor | BENNETT, ET AL. |
| <i>COMPLETE IF KNOWN</i> | |
| Application Number | 09/712,673 |
| Filing Date | NOVEMBER 14, 2000 |
| Group Art Unit | 1713 |
| Examiner Name | UNKNOWN |

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

COPOLYMERIZATION OF ETHYLENE AND DIENES

the specification of which *(Title of the Invention)*

is attached hereto

OR

was filed on (MM/DD/YYYY) 11/14/2000 as United States Application Number or PCT International

Application Number 09/712,673 and was amended on (MM/DD/YYYY) _____ (if applicable).

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

| Which priority is claimed? | | | | |
|-------------------------------------|---------|---|--|--|
| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) Country | Priority Not Claimed | Certified Copy Attached? |
| | | | <input type="checkbox"/> | <input type="checkbox"/> YES <input type="checkbox"/> NO |
| | | | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

| ApplicationNumber(s) | Filing Date (MM/DD/YYYY) | |
|----------------------|--------------------------|--|
| 60/166,416 | 11/19/1999 | <input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. |

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DECLARATION — Utility or Design Patent Application

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| Country | Telephone | Fax | |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| | | | |
|---|-------------------|--|------------------------|
| NAME OF SOLE OR FIRST INVENTOR: | | <input checked="" type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) ALISON MARGARET ANNE | | Family Name or Surname BENNETT | |
| Inventor's Signature <i>Alison Margaret Anne Bennett</i> | | Date 2/12/2001 | |
| Residence: City WILMINGTON | State DELAWARE | Country USA | Citizenship BRITISH |
| Mailing Address 507 FALKIRK ROAD | | | |
| Mailing Address | | | |
| City WILMINGTON | State DELAWARE | ZIP 19803 | Country USA |
| NAME OF SECOND INVENTOR: | | <input checked="" type="checkbox"/> A petition has been filed for this unsigned inventor | |
| Given Name (first and middle [if any]) ELIZABETH FORRESTER | | Family Name or Surname MCCORD | |
| Inventor's Signature <i>Elizabeth Forrester McCord</i> | | Date 1/26/2001 | |
| Residence: City HOCKESSIN | State DELAWARE | Country USA | Citizenship USA |
| Mailing Address 514 HEMLOCK DRIVE | | | |
| Mailing Address | | | |
| City HOCKESSIN | State DELAWARE | ZIP 19707 | Country USA |
| <input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto. | | | |

**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT**

| | |
|-----------------------------|-------------------|
| Application Number | 09/712,673 |
| Filing Date | NOVEMBER 14, 2000 |
| First Named Inventor | BENNETT, ET AL. |
| Group Art Unit | 1713 |
| Examiner Name | UNKNOWN |
| Attorney Docket Number | CL1506 US NA |

I hereby appoint:

 Practitioners at Customer Number

23906

OR

 Practitioner(s) named below:

| Name | Registration Number |
|----------------|---------------------|
| BART E. LERMAN | 31,897 |
| CRAIG H. EVANS | 31,825 |
| | |
| | |



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as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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| Country | | | |
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I am the:

 Applicant/Inventor Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

| | |
|-----------|-----------------------------------|
| Name | Elizabeth Forrester McCord |
| Signature | <i>Elizabeth Forrester McCord</i> |
| Date | 1/26/2001 |

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.
Submit multiple forms if more than one signature is required, see below*. *Total of 2 forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any Comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT**

| | |
|----------------------------|-------------------|
| Applicant Number | 09/712,673 |
| Filing Date | NOVEMBER 14, 2000 |
| First Name Inventor | BENNETT, ET AL. |
| Group Art Unit | 1713 |
| Examiner Name | UNKNOWN |
| Attorney Docket Number | CL1506 US NA |

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| BART E. LERMAN | 31,897 |
| CRAIG H. EVANS | 31,825 |
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I am the:

 Applicant/Inventor Assignee of record of the entire interest. See 37 CFR 3.71.

Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).

SIGNATURE of Applicant or Assignee of Record

Name Alison Margaret Anne Bennett

Signature

Date 2/12/2001

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.
Submit multiple forms if more than one signature is required, see below. *Total of 2 forms are submitted.

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cc: Joel Citron
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Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

6-14-011

JUNE 07, 2001

PTAS
E.I. DU PONT DE NEMOURS AND COMPANY
BART E. LERMAN
LEGAL PATENTS
1007 MARKET STREET
WILMINGTON, DE 19898

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CL-1506 US NA

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RECORDATION DATE: 03/19/2001

REEL/FRAME: 011637/0475
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:
✓ BENNETT, ALISON MARGARET ANNE

DOC DATE: 02/12/2001

ASSIGNEE:
✓ MCCORD, ELIZABETH FORRESTER

DOC DATE: 01/26/2001

ASSIGNEE:
E.I. DU PONT DE NEMOURS AND
COMPANY
LEGAL PATENTS 1007 MARKET STREET
WILMINGTON, DELAWARE 19898

SERIAL NUMBER: 09712673
PATENT NUMBER:

FILING DATE: 11/14/2000
ISSUE DATE:

STEVEN POST, EXAMINER
ASSIGNMENT DIVISION
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To the Honorable Commissioner of Pa

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- Document ID# _____
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- Reel # _____ Frame # _____
- Corrective Document
- Reel # _____ Frame # _____

Data Element in Question:

4. Name of conveying party(ies):

¹Bennett, Alison Margaret Anne
²McCord, Elizabeth Forrester

Additional name(s) of conveying party(ies) attached?: Yes NoExecution Date: ¹2/12/2001 ²1/26/2001

5. Name and address of receiving party(ies):

E. I. DU PONT DE NEMOURS AND COMPANY
LEGAL PATENTS
1007 MARKET STREET
WILMINGTON, DELAWARE 19898

Additional name(s) & address(es) attached? Yes No

5. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s): 09/712,673

Docket No.: CL-1506 US NA

B. Patent No.(s):

Additional numbers attached: Yes No

6. Correspondent Name & Address:

BART E. LERMAN
E. I. DU PONT DE NEMOURS AND COMPANY
LEGAL-PATENTS
1007 MARKET STREET
WILMINGTON, DELAWARE 19898

7. Total number of applications and patents involved: 1

8. Total fee (37 CFR 3.41) \$40.00

 Enclosed (Check No.: _____) Authorized to be charged to deposit account9. Deposit account number: 04-1928

(Attach duplicate copy of this page if paying by deposit account)

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10. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

CAROL REEDER**SENIOR LEGAL CLERK**

Signature

Date

Total number of pages comprising cover sheet: 1

ASSIGNMENT

We, the undersigned

ALISON MARGARET ANNE BENNETT and ELIZABETH FORRESTER MCCORD

Hereby declare that

We are the true and first inventors of an invention entitled

COPOLYMERIZATION OF ETHYLENE AND DIENES

(which is identified as Case Number **CL1506 US NA**) and which is disclosed in an application for Letters Patent in the United States of America., executed the

For valuable consideration, the receipt and adequacy of which is hereby acknowledged and in fulfillment of our pre-existing obligation of assignment, we hereby:

I. Sell, assign, and transfer unto **E. I. du Pont de Nemours and Company**, a corporation organized and existing under the laws of the State of Delaware in the United States of America and having its principal place of business at Wilmington, Delaware, hereinafter referred to as the assignee, (A) the sole and entire right, title, and interest in and to: (1) the aforesaid application for Letters Patent, (2) any priority rights derived from the aforesaid application for Letters Patent by virtue of the International Convention for the Protection of Industrial Property and any other treaty or understanding for intellectual property for any and all member countries of the aforesaid International Convention or other treaty or understanding, (3) any and all our inventions, whether joint or sole, disclosed in the aforesaid application for Letters Patent, (4) any and all applications for Letters Patent for any such inventions in any country whatsoever, (5) any and all patents for any such inventions in any country whatsoever; and (B) the sole right to (1) file such applications in its name or ours, (2) file such applications under the aforesaid International Convention or other treaty or understanding, (3) have said patents granted in its name or ours, and (4) enforce said patents and to sue for and recover profits and damages for any and all infringements thereof whether past or future; and

II. Agree, whenever requested, to communicate to said assignee, its successors, assigns, and legal representatives, any facts known to us respecting said rights, to testify in any legal proceeding respecting said rights, to execute all applications, papers or instruments necessary or required by said assignee, its successors, assigns and legal representatives, to carry into effect any of the provisions of this instrument, and generally to do everything possible to aid said assignee, its successors, assigns, and legal representatives to obtain and enforce proper patent protection for said inventions in any and all countries.

We further authorize our attorney/patent agent to insert below* the application number and filing date of the aforesaid United States application now identified as Case Number **CL1506 US NA** after the same shall have been made known to him/her by the United States Patent Office.

Alison Margaret Anne Bennett
ALISON MARGARET ANNE BENNETT

DATE: 2/12/2001

Elizabeth Forrester McCord
ELIZABETH FORRESTER MCCORD

DATE: 1/26/2001

*The application referred to above as Case Number **CL1506 US NA** was filed in the United States Patent Office on November 14, 2000, and was given Application No. 09/712,673.
This insertion made by me this 13th day of February, 2001.

B.E.L.
BART E. LERMAN
ATTORNEY/PATENT AGENT FOR APPLICANTS
Registration No.: 31,897
Telephone: 302-992-5285
Facsimile: 302-992-2953